

Title (en)

MODIFIED CONJUGATED DIENE-BASED POLYMER AND PREPARATION METHOD THEREFOR

Title (de)

MODIFIZIERTE KONJUGIERTE POLYMERE AUF DIEN-BASIS UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

POLYMÈRE À BASE D'UN DIÈNE CONJUGUÉ MODIFIÉ ET PROCÉDÉ DE PRÉPARATION DE CE POLYMÈRE

Publication

EP 3296323 A4 20180829 (EN)

Application

EP 16879354 A 20161222

Priority

- KR 20150184240 A 20151222
- KR 2016015078 W 20161222

Abstract (en)

[origin: EP3296323A1] The present invention provides a compound represented by Formula 1, a modified and conjugated diene-based polymer with a high modification ratio, which includes a functional group derived from the compound, a method for preparing the polymer, a rubber composition including the polymer, and a tire manufactured from the rubber composition.

IPC 8 full level

C08C 19/25 (2006.01); **C08C 19/22** (2006.01); **C08F 8/30** (2006.01); **C08F 8/42** (2006.01); **C08F 36/04** (2006.01)

CPC (source: EP US)

B60C 1/00 (2013.01 - EP US); **C07F 7/1804** (2013.01 - EP US); **C08C 19/22** (2013.01 - EP US); **C08C 19/25** (2013.01 - EP US); **C08C 19/44** (2013.01 - EP); **C08F 8/30** (2013.01 - US); **C08F 8/42** (2013.01 - US); **C08F 36/04** (2013.01 - US); **C08F 236/10** (2013.01 - EP); **C08K 5/00** (2013.01 - EP US); **C08K 5/16** (2013.01 - EP US); **C08K 5/20** (2013.01 - US); **C08K 5/54** (2013.01 - EP US); **C08K 5/5419** (2013.01 - US); **Y02T 10/86** (2013.01 - US)

C-Set (source: EP)

C08F 236/06 + C08F 212/08

Citation (search report)

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Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3296323 A1 20180321; EP 3296323 A4 20180829; EP 3296323 B1 20200930; CN 108026186 A 20180511; JP 2018530526 A 20181018; JP 6549312 B2 20190724; KR 102021844 B1 20190917; KR 20170074677 A 20170630; US 10604591 B2 20200331; US 2018162959 A1 20180614; WO 2017111487 A1 20170629

DOCDB simple family (application)

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